

# VerifEye™ Submetering Solutions

## Cross Reference Guide - Effective December 30, 2020



### MINI METER KITS\*

#### INDOOR ENCLOSURE

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100	2 SOLID CTs	—	—	MK240-1SW
	200	2 SOLID CTs	—	—	MK240-2SW

#### OUTDOOR ENCLOSURE

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100	2 SOLID CTs	—	—	MO240-1SW
	200	2 SOLID CTs	—	—	MO240-2SW
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100	2 SOLID CTs	—	—	MO240-01W
	200	2 SOLID CTs	—	—	MO240-02W

\*For MMU options for Series 1000, 2000 and Mini Meters, consult factory.

**NOTE:** Kits include meter, specified enclosure and required current transformers. Other meter models are available to suit virtually any application. Visit [leviton.com/verifeye](http://leviton.com/verifeye) for details.

**SERIES 1000 SINGLE PHASE METER KITS  
INDOOR ENCLOSURE**

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120V 1PH 2W	50A	1 Split CT	E10-212050JKIT	EMKA934551L000504X	—
	100	1 Split CT	E10-2120100JKIT	EMKA934551L001014X	1K120-01W
	200	1 Split CT	E10-2121200JKIT	EMKA934551L002014X	1K120-02W
	400	1 Split CT	—	EMKA934551L004034X	1K120-04W
	800	1 Split CT	—	EMKA934551L008044X	1K120-08W
	100	1 SOLID CT	—	EMKA934551L201004X	1K120-1SW
	200	1 SOLD CT	—	EMKA934551L202024X	1K120-2SW
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	50	2 Split CTs	E10-320850JKIT	EMKA934552L000504X	—
	100	2 Split CTs	E10-3208100JKIT	EMKA934552L001014X	1K240-01W
	200	2 Split CTs	E10-3208200JKIT	EMKA934552L002014X	1K240-02W
	400	2 Split CTs	—	EMKA934552L004034X	1K240-04W
	800	2 Split CTs	—	EMKA934552L008044X	1K240-08W
	100	2 SOLID CTs	—	EMKA934552L201004X	1K240-1SW
	200	2 SOLID CTs	—	EMKA934552L202024X	1K240-2SW
277V 1PH 2W	50A	1 Split CT	E10-227750JKIT	EMKA934551L000504X	—
	100	1 Split CT	E10-2277100JKIT	EMKA934551L001014X	1K277-01W
	200	1 Split CT	E10-2277200JKIT	EMKA934551L002014X	1K277-02W
	400	1 Split CT	—	EMKA934551L004034X	1K277-04W
	800	1 Split CT	—	EMKA934551L008044X	1K277-08W
	100	1 SOLID CT	—	EMKA934551L201004X	1K277-1SW
	200	1 SOLID CT	—	EMKA934551L202024X	1K277-2SW

**OUTDOOR ENCLOSURE**

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120V 1PH 2W	50	1 Split CT	E10-212050RKIT	EMKA934551L000504X	—
	100	1 Split CT	E10-2120100RKIT	EMKA934551L001014X	1O120-01W
	200	1 Split CT	E10-2121200RKIT	EMKA934551L002014X	1O120-02W
	400	1 Split CT	—	EMKA934551L004034X	1O120-04W
	800	1 Split CT	—	EMKA934551L008044X	1O120-08W
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	50	2 Split CTs	E10-320850RKIT	EMKA934552L000504X	--
	100	2 Split CTs	E10-3208100RKIT	EMKA934552L001014X	1O240-01W
	200	2 Split CTs	E10-3208200RKIT	EMKA934552L002014X	1O240-02W
	400	2 Split CTs	—	EMKA934552L004034X	1O240-04W
	800	2 Split CTs	—	EMKA934552L008044X	1O240-08W
277V 1PH 2W	50	1 Split CT	E10-227750RKIT	EMKA934551L000504X	—
	100	1 Split CT	E10-2277100RKIT	EMKA934551L001014X	1O277-01W
	200	1 Split CT	E10-2277200RKIT	EMKA934551L002014X	1O277-02W
	400	1 Split CT	—	EMKA934551L004034X	1O277-04W
	800	1 Split CT	—	EMKA934551L008044X	1O277-08W

**NOTE:** Kits include meter, specified enclosure and required current transformers.

## SERIES 2000 THREE PHASE METER KITS\* INDOOR ENCLOSURE

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-208100-JKIT	EMKA934553L001014X	2K208-01D
	200	3 Split CTs	E20-208200-JKIT	EMKA934553L002014X	2K208-02D
	400	3 Split CTs	E20-208400-JKIT	EMKA934553L004034X	2K208-04D
	800	3 Split CTs	E20-208800-JKIT	EMKA934553L008034X	2K208-08D
	1200	3 Split CTs	—	EMKA934553L008034X	2K208-12D
	1600	3 Split CTs	E20-2081600JKIT	EMKA934553L016044X	—
	100	3 SOLID CTs	—	EMKA934553L201004X	2K208-1SW
	200	3 SOLID CTs	—	EMKA934553L202024X	2K208-2SW
277/480 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-480100-JKIT	EMKA934553L001014X	2K480-01D
	200	3 Split CTs	E20-480200-JKIT	EMKA934553L002014X	2K480-02D
	400	3 Split CTs	E20-480400-JKIT	EMKA934553L004034X	2K480-04D
	800	3 Split CTs	E20-480800-JKIT	EMKA934553L008034X	2K480-08D
	1200	3 Split CTs	—	EMKA934553L012044X	2K480-12D
	1600	3 Split CTs	E20-4801600JKIT	EMKA934553L016044X	—
	100	3 SOLID CTs	—	EMKA934553L201004X	2K480-1SW
	200	3 SOLID CTs	—	EMKA934553L202024X	2K480-2SW
120/208V 3PH 4W WYE Demand Meter	100	3 Split CTs	E20-208100-J-D-KIT	EMKA934553L001014X	2K208-01D
	200	3 Split CTs	E20-208200-J-D-KIT	EMKA934553L002014X	2K208-02D
	400	3 Split CTs	E20-208400-J-D-KIT	EMKA934553L004034X	2K208-04D
	800	3 Split CTs	E20-208800-J-D-KIT	EMKA934553L008034X	2K208-08D
	1200	3 Split CTs	E20-2081600J-D-KIT	EMKA934553L012044X	2K208-12D
	1600	3 Split CTs	E20-2081600JDKIT	EMKA934553L016044X	—
277/480V 3PH 4W WYE Demand Meter	100	3 Split CTs	E20-480100-J-D-KIT	EMKA934553L001014X	2K480-01D
	200	3 Split CTs	E20-480200-J-D-KIT	EMKA934553L002014X	2K480-02D
	400	3 Split CTs	E20-480400-J-D-KIT	EMKA934553L004034X	2K480-04D
	800	3 Split CTs	E20-480800-J-D-KIT	EMKA934553L008034X	2K480-08D
	1200	3 Split CTs	--	EMKA934553L012044X	2K480-12D
	1600	3 Split CTs	E20-4801600J-D-KIT	EMKA934553L016044X	--

## OUTDOOR ENCLOSURE

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-208100-RKIT	EMKA934553L001014X	20208-01W
	200	3 Split CTs	E20-208200-RKIT	EMKA934553L002014X	20208-02W
	400	3 Split CTs	E20-208400-RKIT	EMKA934553L004034X	20208-04W
	800	3 Split CTs	E20-208800-RKIT	EMKA934553L008034X	20208-08W
	1200	3 Split CTs	—	EMKA934553L012044X	20208-12W
	1600	3 Split CTs	E20-2081600RKIT	EMKA934553L016044X	—
277/480V 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-480100-RKIT	EMKA934553L001014X	20480-01W
	200	3 Split CTs	E20-480200-RKIT	EMKA934553L002014X	20480-02W
	400	3 Split CTs	E20-480400-RKIT	EMKA934553L004034X	20480-04W
	800	3 Split CTs	E20-480800-RKIT	EMKA934553L008034X	20480-08W
	1200	3 Split CTs	—	EMKA934553L012044X	20480-12W
	1600	3 Split CTs	E20-4801600RKIT	EMKA934553L016044X	—

\*The Series 2000 Meter is WYE only and does not support Delta configurations. **NOTE:** Kits include meter, specified enclosure and required current transformers.

### Leviton Mfg. Co., Inc. Lighting & Controls

20497 SW Teton Avenue, Tualatin, OR 97062 **tech line** 800-959-6004

© 2021 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

**SERIES 3500 MULTI-FUNCTION ETHERNET METER KITS  
INDOOR ENCLOSURE**

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
208-480VAC 3PH 3W/4W (with ModBus TCP/ BACnet IP)	100	3 Split CTs	E34-208/ 480100-J04/05KIT	—	3KUMT-01M
	200	3 Split CTs	E34-208/ 480200-J04/05KIT	—	3KUMT-02M
	400	3 Split CTs	E34-208/ 480400-J04/05KIT	—	3KUMT-04M
	800	3 Split CTs	E34-208/ 480800-J04/05KIT	—	3KUMT-08M
	1600	3 Split CTs	E34-208/ 4801600-J04/05KIT	—	3KUMT-16M
	3000	3 Split CTs	E34-208/ 4803200-J04/05KIT	—	3KUMT-30M
	5000	3 Split CTs	—	—	3KUMT-50M

**OUTDOOR ENCLOSURE**

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
208-480VAC 3PH 3W/4W (with ModBus TCP/ BACnet IP)	100	3 Split CTs	E34-208/ 480100-R04/05KIT	—	3OUMT-01M
	200	3 Split CTs	E34-208/ 480200-R04/05KIT	—	3OUMT-02M
	400	3 Split CTs	E34-208/ 480400-R04/05KIT	—	3OUMT-04M
	800	3 Split CTs	E34-208/ 480800-R04/05KIT	—	3OUMT-08M
	1600	3 Split CTs	E34-208/ 4801600-R04/05KIT	—	3OUMT-16M
	3000	3 Split CTs	E34-208/ 4803200-R04/05KIT	—	3OUMT-30M
	5000	3 Split CTs	—	—	3OUMT-50M

**NOTE:** Kits include meter, specified enclosure and required current transformers.

## SERIES 4000 INDUSTRIAL MODBUS METER KITS OUTDOOR ENCLOSURE

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
Universal 3PH 3W/4W	100	3 Split CTs	E32-208/480/600100-RRTU or JRTU-KIT	—	40UMR-01M
	200	3 Split CTs	E32-208/480/600200-RRTU or JRTU-KIT	—	40UMR-02M
	400	3 Split CTs	E32-208/480/600400-RRTU or JRTU-KIT	—	40UMR-04M
	800	3 Split CT	E32-208/480/600800-RRTU or JRTU-KIT	—	40UMR-08M
	50-5000	3, 12" Rogowski Coil CT	E32-208/480/6001600-RRTU or JRTU-KIT	—	40UMR-R12
	50-5000	3, 18" Rogowski Coil CT	E32-208/480/6003200-RRTU or JRTU-KIT	—	40UMR-R18
	50-5000	3, 24" Rogowski Coil CT	E32-408/480/6003200-RRTU or JRTU-KIT	—	40UMR-R24

## SERIES 4100 BIDIRECTIONAL MODBUS RTU AND BACNET MS/TP METER KITS OUTDOOR ENCLOSURE

NEMA ENCLOSURE MODBUS METER KITS					
Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
Universal 3PH 3W/4W ModBus	100	3 Split Core CTs	E50-208/480/600100-R02 or J02-N-KIT	—	410UM-01M
	200	3 Split Core CTs	E50-208/480/600200-R02 or J02-N-KIT	—	410UM-02M
	400	3 Split Core CTs	E50-208/480/600400-R02 or J02-N-KIT	—	410UM-04M
	800	3 Split Core CTs	E50-208/480/600800-R02 or J02-N-KIT	—	410UM-08M
	50-5000	3, 12" Rogowski CTs	E50-08/480/6001600-R02 or J02-N-KIT	—	410UM-12R
	50-5000	3, 18" Rogowski CTs	E50-08/480/6003200-R02 or J02-N-KIT	—	410UM-18R
	50-5000	3, 24" Rogowski CTs	E50-08/480/6003200-R02 or J02-N-KIT	—	410UM-24R
NEMA ENCLOSURE BACNET MS/TP METER KITS					
Universal 3PH 3W/4W BACnet/MS/TP	100	3 Split Core CTs	E50-208/480/600100-R03 or J03-N-KIT	—	410UB-01B
	200	3 Split Core CTs	E50-208/480/600200-R03 or J03-N-KIT	—	410UB-02B
	400	3 Split Core CTs	E50-208/480/600400-R03 or J03-N-KIT	—	410UB-04B
	800	3 Split Core CTs	E50-208/480/600800-R03 or J03-N-KIT	—	410UB-08B
	50-5000	3, 12" Rogowski CTs	E50-08/480/6001600-R03 or J03-N-KIT	—	410UB-12R
	50-5000	3, 18" Rogowski CTs	E50-08/480/6003200-R03 or J03-N-KIT	—	410UB-18R
	50-5000	3, 24" Rogowski CTs	E50-08/480/6003200-R03 or J03-N-KIT	—	410UB-24R

NOTE: Kits include meter, specified enclosure and required current transformers.

### Leviton Mfg. Co., Inc. Lighting & Controls

20497 SW Teton Avenue, Tualatin, OR 97062 tech line 800-959-6004

© 2021 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

## SERIES 7000 AND 7100 ADVANCED BRANCH CIRCUIT MONITORS

### 48 CIRCUIT METERS

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
1PH/2W 2PH/3W 3PH/4W 3PH/3W Delta	50-4000A	Solid Core, Split Core, Rogowski CT	—	—	70D48-000
	50-4000A	Solid Core, Split Core, Rogowski CT	—	—	70N48-000
	50-4000A	Solid Core, Split Core, Rogowski CT	—	—	71D48-000

### 12 CIRCUIT METERS

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
1PH/2W 2PH/3W 3PH/4W 3PH/3W Delta	50-4000A	Solid Core, Split Core, Rogowski CT	—	—	70D12-000
	50-4000A	Solid Core, Split Core, Rogowski CT	—	—	70N12-000
	50-4000A	Solid Core, Split Core, Rogowski CT	—	—	71D12-000

### SERIES 8000 HIGH DENSITY MULTI-CIRCUIT METER

Voltage	Amps	CTs Included	Description	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208/240V	20-5000	Split Core/Solid Core 0.1A* as required, not included	Series 8000-2PH x 3 Config (6 Inputs) with Wiring Harness	E-MM-RTU-Y-N or E-MM-RTU-Y-N-ETH	—	S8120-032
			Series 8000-2PH x 6 Config (12 Inputs) with Wiring Harness			S8120-062
			Series 8000-2PH x 9 Config (18 Inputs) with Wiring Harness			S8120-092
			Series 8000-2PH x 12 Config (24 Inputs) with Wiring Harness			S8120-122
			Series 8000-8x3PH, x12x2PH, x24x1PH Config (24 Inputs) with Terminal Strips			S8UTS-241
			Series 8000-8x3PH, x12x2PH, x24x1PH Config (24 Inputs) with Terminal Strips			S8UWH-241
277-480V	20-5000	Split Core/Solid Core 0.1A* as required, not included	Series 8000-8x3PH, x12x2PH, x24x1PH Config (24 Inputs) with Terminal Strips			277TS-241
			Series 8000-8x3PH, x12x2PH, 24x1PH Config (24 Inputs) with Wiring Harness			277WH-241

\*Series 8000 Meters do not include CTs. They can be used with Split Core or Solid Core CTs with a secondary output of 0.1A.

## HOW TO SELECT THE RIGHT METER

### STEP A - Determining what meter series to use

1. Electrical service to be metered (WYE, DELTA, Single Phase, Three Phase, or Split Phase; see matrix below)
2. Measuring parameter requirements
  - a. If kWh consumption only, use Series 1000 or Mini Meter
  - b. If local peak demand reset, select Series 2000\*
  - c. If additional data parameters (Volts, Amps, Power Factor, etc.), use Series 4000 and 4100, Series 7000 and 7100, or Series 8000

### STEP B - Determining which meter catalog number to use

1. Where is the meter going to be installed (i.e. indoor, outdoor or electrical panel)?
2. Voltage rating (120/208V, 277/480V, 480V DELTA, 347/600V etc.)
3. Solid Core CTs, Split Core CTs or Rogowski Coil CTs
  - a. Split — easy to retrofit
  - b. Solid — cost savings and increased accuracy
  - c. Rogowski — easy to install
4. Disaggregation of loads (multi-circuit monitoring)? If yes, MMUs, Series 7000 and 7100, and Series 8000 may be advantageous — consult factory representative

### ELECTRICAL CONFIGURATION MATRIX

Electrical Service Configurations	Mini Meter	Series 1000	Series 2000	Series 3500	Series 4000	Series 4100	Series 8000	Series 7000 and 7100
120V/277V 1PH 2W	-	X	-	-	X	X	X	X
120V/208V 1PH 3W	X	-	-	-	X	X	X	X
120/240V 1PH 3W	X	X	-	-	X	X	X	X
120/208V 2PH 3W	-	-	-	X	X	X	-	X
120/208V 3PH 4W WYE	-	-	X	-	X	X	X	X
240V 3PH 4W DELTA	-	-	-	X	X	X	-	X
240V 3PH 3W	-	-	-	X	X	X	-	X
277/480V 2PH 3W	-	-	-	-	X	X	X	X
277/480V 3PH 4W WYE	-	-	-	-	X	X	X	X
480 2PH 2W	-	-	X	X	X	X	-	X
480 2PH 3W	-	-	X	X	X	X	-	X
480V 3PH 3W DELTA	-	-	-	-	X	X	-	X
347/600V 3PH 4W 347V (L-N) 600V (L-L)	-	-	-	-	X	X	-	X

\* Demand provides a manual peak demand reset key. If meter is to be connected to a Leviton Monitoring Hub via pulse output or Modbus, this option is not required. The hub will provide logging of data every 15 minutes for peak demand calculations.

**Leviton Mfg. Co., Inc. Lighting & Controls**

20497 SW Teton Avenue, Tualatin, OR 97062 **tech line** 800-959-6004

**Leviton Manufacturing Co., Inc. Global Headquarters**

201 North Service Road, Melville, NY 11747-3138 **tel** 800-323-8920 **tech line** (8:30AM-7:00PM ET Mon-Fri) 800-824-3005

**Visit our Website at: [www.leviton.com/verifeye](http://www.leviton.com/verifeye)**

©2021 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.